



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5372

SERIAL NUMBER 10/690,766	FILING DATE 10/22/2003 RULE	CLASS 156	GROUP ART UNIT 1733	ATTORNEY DOCKET NO.
-----------------------------	---------------------------------------	--------------	------------------------	------------------------

APPLICANTS

Muniswamappa Anjanappa, Ellicott City, MD;

David T. Bach, Ellicott City, MD;

** CONTINUING DATA *****

This appln claims benefit of 60/421,635 10/25/2002

TTX

** FOREIGN APPLICATIONS *****

- none - TTX

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **

** 01/22/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged Examiner's Signature: [Signature] Initials: TTX	MD	3	20	4

ADDRESS

Clifford Kraft
 320 Robin Hill Dr.
 Naperville, IL
 60540

TITLE

Magnetostrictive film actuators using selective orientation

FILING FEE RECEIVED 428	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue)
-----------------------------------	---	--